

QUICK REFERENCE GUIDE

INPUT TRANSFORMERS

Model	Application	Impedance Ratio	Turns Ratio	Band-width	Max input level		Size	Weight	Approximate Cost		
					20Hz	30Hz			1	25	100
RE-16-A	Mic input	150-600	1:2	200K	+8	+12	1.31x1.57	5.5 oz	64.00	53.00	41.00
RE-13K6-C	Mic input	150-3750	1:5	85K	-2.5	+1	1.13x1.06	2.5 oz	41.00	34.00	26.00
RE-13K7-A	Mic input	150-3750	1:5	85K	+8	+12	1.31x1.57	5.5 oz	64.00	53.00	41.00
RE-115K-E	Mic input	150-1500	1:10	95K	-2.5	+1	1.13x1.06	2.5 oz	50.00	41.00	32.00
RE-MB-C	Mic split 1 secondary	150-150	1:1	150K	+1	+5	1.13x1.06	2.5 oz	40.00	33.00	26.00
RE-MB-D	Mic split 2 secondary	150-150-150	1:1:1	88K	+2	+6	1.13x1.06	2.5 oz	70.00	58.00	45.00
RE-MB-E	Mic split 3 secondary	150-150-150-150	1:1:1:1	48K	+10	+14	1.31x1.57	5.5 oz	96.00	80.00	61.00
RE-DB-E	Direct Box	20K-150	12:1	65K	+19	+24	1.13x1.06	2.5 oz	50.00	42.00	32.00
RE-11P-1	Line in	15K-15K	1:1	85K	+16	+20	1.13x1.06	2.5 oz	47.00	39.00	30.00
RE-11P-1PC	Line in	15K-15K	1:1	85K	+16	+20	1.13x0.84	2.5 oz	46.00	38.00	29.00
RE-11P-2	Line in	15K-15K	1:1	80K	+22	+26	1.31x1.19	4.0 oz	87.00	72.00	56.00
RE-11P-9	Line in	15K-15K	1:1	55K	+24	+28	1.31x1.57	5.5 oz	103.00	85.00	66.00
RE-10KB-C	Line in Bridging	10K-600	4:1	125K	+19	+23	1.13x1.06	2.5 oz	42.00	35.00	27.00
RE-6110K-B	Line in Bridging	10K-600	4:1	160K	+24	+27	1.31x1.57	5.5 oz	66.00	55.00	42.00

The above input transformers represent our most popular designs. Many are available as pc or octal plug mounting. Other types of mountings, split or tapped primary and secondaries, tube and true 600 ohm. are also available. Prices are rounded up.

OUTPUT TRANSFORMERS

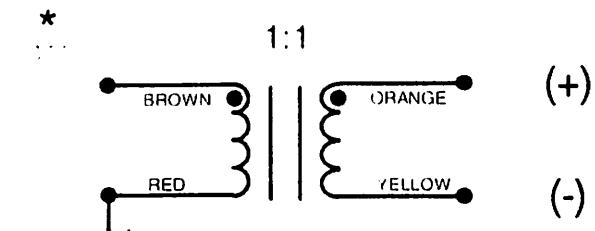
Series Type	Maximum Output		DCR		Turns Ratio		Weight	Core Size	Approximate Cost		
	20hz	30hz	Bifilar	Quadfilar	Bifilar	Quadfilar			1	25	100
BL	+32	+35	40	20	1:1	1:1 / 1:2	19 oz	2.25x1.88	50.00	42.00	32.00
DL	+27	+30	38	19	1:1	1:1 / 1:2	11 oz	1.88x1.56	39.00	32.00	25.00
EL	+23	+26	40	20	1:1	1:1 / 1:2	6 oz	1.63x1.31	31.00	26.00	20.00
FL	+20	+24	58	29	1:1	1:1 / 1:2	4 oz	1.38x1.13	23.00	19.00	15.00
GL	+7	+11	43	NA	1:1	NA	1.5 oz	1.00x0.75	27.00	22.00	17.00
BM	+26	+29	40	20	1:1	1:1 / 1:2	19 oz	2.25x1.88	64.00	53.00	41.00
DM	+21	+25	38	19	1:1	1:1 / 1:2	11 oz	1.88x1.56	48.00	40.00	31.00
EM	+17	+22	40	20	1:1	1:1 / 1:2	6 oz	1.63x1.31	41.00	34.00	26.00
FM	+15	+18	58	29	1:1	1:1 / 1:2	4 oz	1.38x1.13	28.00	24.00	18.00
GM	+4	+7	43	NA	1:1	NA	1.5 oz	1.00x0.75	28.00	23.00	18.00

Of all the output transformers we manufacture the majority fall into 5 basic series (or sizes). Starting with the largest, the B series, then the D, E, F, and the smallest the G series. The prefix stands for its possible use, 11 = Bifilar or 1:1, with its counterpart 123 = Quadfilar or 1:1, 1:2, or in one case 1:3. The suffix L stands for 50% nickel core material. The Suffix M stands for 80% nickel core material. The next possible suffix would be CF for channel frame mounting or PC for printed circuit mounting. Therefore an RE-11-BLCF is a 1 to 1, B series transformer using 50% nickel core material and a channel frame for mounting. Within a particular series type the power handling will be relatively consistent regardless of Bifilar, Quadfilar, split, tapped, or pc mount. Prices are rounded up and are based on the 1:1 Bifilar type. Other winding configurations and mounting types may be more expensive.

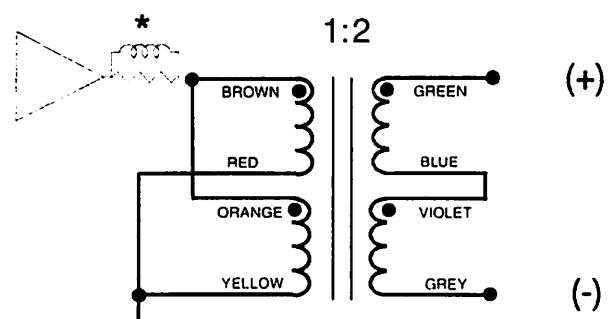
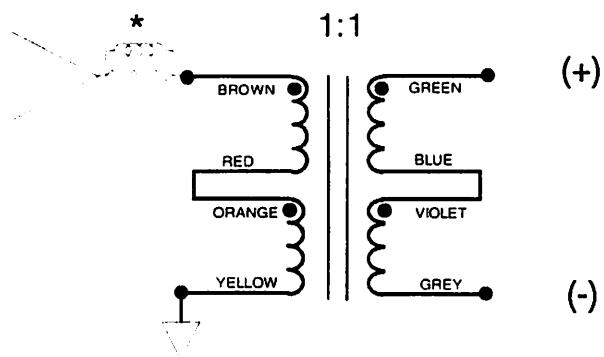
MICROPHONE INPUT		LINE INPUT PC OR OCTAL BA		OUTPUT 80% NICKEL CORE	
RE-110K-C	40.21	RE-10KB-BPC	74.81	<u>RE-11-BMCF</u>	63.10
<u>RE-110K-CU</u>	33.77	RE-11P-1AN	84.92	<u>RE-11-DMCF</u>	47.07
RE-110K-FA	47.18	RE-11P-1B	59.55	<u>RE-11-EMCF</u>	40.78
<u>RE-110K-FB</u>	45.85	RE-11P-1BN	84.92	RE-112-MCF	32.48
<u>RE-115K-E</u>	49.01	RE-11SSP-8MP	103.09	RE-11SS-BMCF	88.63
RE-135K-D	49.88	RE-6110K-BPC	81.74	RE-11SS-EMCF	45.93
<u>RE-13K6-C</u>	40.21	<u>RE-900-9050</u>	64.92	<u>RE-123-BMCF</u>	67.72
RE-13K7-A	83.01	RE-900-9150	115.92	RE-123-DMCF	51.88
RE-13K7-B	71.24	RE-900-9155	59.74	OUTPUT 70v & 25v	
<u>RE-150MM</u>	9.43	<u>RE-8043</u>	45.24	RE-25VC-10W	52.06
<u>RE-16-A</u>	83.01	OUTPUT STEEL CORE		RE-752-M	65.24
<u>RE-16-B</u>	69.28	RE-11-FCF	22.29	RE-70VC-5W	106.11
RE-6110K-A	41.50	<u>RE-112-CF</u>	24.02	MOVING COIL INPUT	
MICROPHONE INPUT PC TYP		<u>RE-123-ACE</u>	33.61	RE-34K-DX	64.26
<u>RE-110K-HPC</u>	47.35	RE-123-B	38.38	RE-44K-DX	64.26
RE-115K-MAX	41.12	RE-123-D	34.05	ELECTRET MICROPHONE OU	
RE-13K7-APC	78.81	RE-123-H	34.58	<u>RE-7552</u>	23.99
<u>RE-150K-MAX</u>	30.31	<u>RE-123-SCF</u>	27.16	LOW FREQUENCY TAPPED IN	
RE-18-APC	78.81	RE-8093	139.91	RE-LX-2K	122.33
<u>RE-6110K-APC</u>	40.87	OUTPUT STEEL CORE PC TY		RE-LX-600	122.33
MICROPHONE BRIDGING		<u>RE-112-PC</u>	24.68	RE-7961	14.40
<u>RE-MB-C</u>	39.58	RE-123-APC	34.27	RE-8355	18.93
RE-MB-CPC	51.50	RE-123-SPC	28.89	TAPE HEAD MATCH	
<u>RE-MB-CSC</u>	45.87	<u>RE-123-C</u>	33.81	RE-842-90	92.43
<u>RE-MB-D</u>	69.23	RE-125-SPC	33.17	 	
RE-MB-DLL	73.76	RE-DBX	25.09	 	
<u>RE-MB-E</u>	95.58	OUTPUT 50% NICKEL CORE		 	
DIRECT BOX		<u>RE-11-BLCE</u>	49.90	 	
<u>RE-DB-E</u>	49.88	<u>RE-11-DLCE</u>	38.07	 	
RE-DB-EPC	51.50	<u>RE-11-ELCE</u>	30.37	 	
RE-DB-EU	46.09	<u>RE-11-FLCE</u>	22.86	 	
LINE INPUT		RE-11-FL X	40.93	 	
<u>RE-10KB-B</u>	59.55	<u>RE-119L</u>	42.57	 	
<u>RE-10KB-C</u>	41.94	<u>RE-112-LCE</u>	27.42	 	
<u>RE-11P-1</u>	46.66	RE-11SS-BLCF	57.79	 	
<u>RE-11P-1D</u>	51.18	RE-11SS-DLCF	44.80	 	
RE-11P-1T	48.13	RE-11SS-ELCF	36.85	 	
<u>RE-11P-5</u>	65.77	RE-11SS-F1 CF	30.72	 	
<u>RE-11P-9</u>	102.12	<u>RE-123-ALCF</u>	42.57	 	
<u>RE-11SSP-8M</u>	82.22	<u>RE-123-BLCF</u>	54.52	 	
<u>RE-11SSP-8M</u>	162.81	<u>RE-123-DLCE</u>	42.80	 	
RE-11SSP-8MA	134.53	RE-123-SLCF	33.74	 	
<u>RE-6110K-B</u>	85.71	RE-123-SL-X	51.81	 	
RE-6110K-BB	71.49	 		 	
RE-751-M	93.71	 		 	

OUTPUT TRANSFORMER HOOKUP

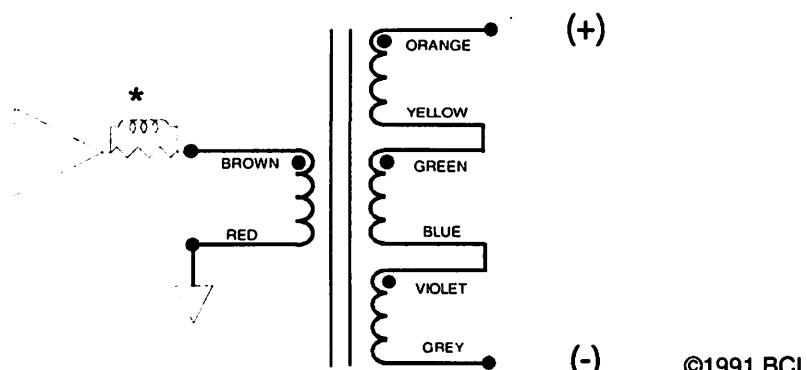
ALL RE-11 Series Output Transformers



ALL RE-123 Series Output Transformers



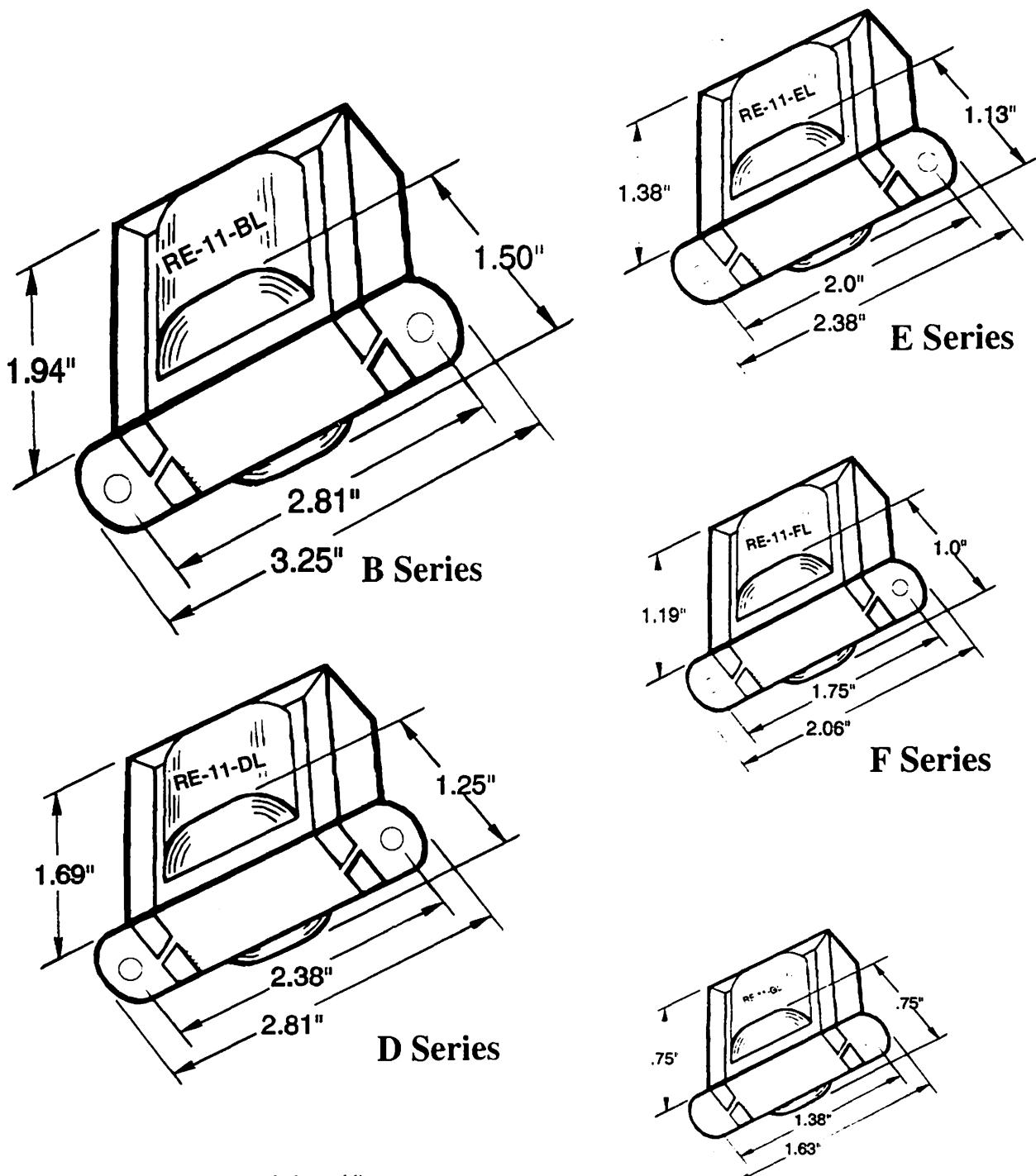
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*Output isolator is a 39 ohm 1 watt resistor wound with 40 turns of #30 magnet wire.

OUTPUT TRANSFORMER SIZES



B Series - approx. weight 19 oz

D Series - approx. weight 11 oz

E Series - approx. weight 6 oz

F Series - approx. weight 4 oz

G Series - approx. weight 1.5 oz